

Static Friction Coefficient Tester

TYPE: 10



The test sample is installed on the ascending board and flat indenter. The board is equipped with a sensor that monitors the movement of the flat indenter. The ascending board at the horizontal position starts to increasingly tilt when the measurement begins. The sensor detects the motion when the flat indenter begins to slide, and stops the board instantly.

The angle and $\tan \theta$ at this moment should be read.

Key Specifications

	TYPE: 10
Ascending Speed	Average 10°/6 sec (10°/3 sec in return motion)
Drive motor	Reversible motor
Measuring range	Static friction coefficient: 0 to 1.5 (minimum scale: 0.005) Slide angle: 0 to 56° (minimum scale: 0.5°)
Test sample size	Ascending board side: Max. 300mm x 120mm Flat indenter side: 75mm x 35mm (contact surface)
Flat indenter	Weight: 150g or 200g (selectable by adjusting the weights)
Operating environment	0 to 50C°, 85% RH or less (non-condensing)
Overall dimensions	Main unit: W: 470mm x D: 290mm x H: 420mm
Option	Flat indenter for JIS P8147

Accessories

■ Flat indenter: 1 set ■ Power supply cord: 1 ■ Vinyl cover: 1
■ Operation manual: 1

